Sl.No.	Sub. Status	Sub. Code	Programme Paper	Programme outcome - objectives
			I Semester	
1.	Language	S1TL11	Tamil	Enabling the learners to carry out day- to-day conversations in spoken tamil.
		S1SK51	Sanskrit	<ol> <li>Advanced knowledge of ancient Indian religion, literature, and history through the study of Sanskrit texts</li> <li>Advanced command of the Sanskrit language through advanced text reading, and basic knowledge in Pāli, Buddhist Hybrid Sanskrit, and / or Vedic Sanskrit.</li> </ol>
2.	Language	S2EN11	English	<ol> <li>Improve their skills as writers, by producing several 6-8 papers of at least 500 words in length. While these writings may include description, narration, and personal elements, they should demonstrate skills in analysis, argumentation, assertion with evidence, and synthesis.</li> <li>Improve their skills as critical readers and thinkers, enabling students to identify an author's thesis and supporting points and to respond to the writing of both professionals and peers.</li> <li>Learn to write for various audiences and purposes and to adapt the essay form to various writing situations.</li> </ol>
3.	Core -1	SMBA11	Commercial Correspondence	<ol> <li>To develop both written and oral communication skills to produce clear, complete, accurate messages.</li> <li>To understand message strategies and formats appropriate for professional communication situations.</li> </ol>
4.	Core -2	JMBA12	Business Statistics	<ol> <li>Estimate the mean and standard deviation of the marginal distribution of the response variable and use this information to inform a business decision.</li> <li>Fit a simple linear regressions model</li> <li>Interpret the slope and intercept (when appropriate)</li> </ol>
5.	Allied -I	JABA11	Environment of	Discuss the supply and demand
·			1	***

4.	Common	JEVS11	Business  Environmental Studies	theory and its impact on insurance.  2. Explain the effects of government policy on the economic environment and insurance industry.  3. Outline how an entity operates in a business environment.  1. To live responsibly and appreciate the environmental and cultural histories of the places they inhabit.  2. To cultivate compassion, curiosity, collaboration, and hope.
		1	II Semester	1
5.	Language	J1TL21 J1SK61	Tamil Sanskrit	<ol> <li>Introducing the structure and sounds of Tamil</li> <li>Ability to critically assess existing research through careful reading, analysis, and discussion.</li> <li>Practice of the textual analysis of texts in Sanskrit, Pāli, Buddhist Hybrid Sanskrit, and / or Vedic Sanskrit.</li> </ol>
6.	Language	J2EN21	English	<ol> <li>Develop productive planning and revising processes.</li> <li>Learn the structure and style of effective sentences, paragraphs, and essays.</li> </ol>
7.	Core- 3	JMBA21	Business Organisation	1. To provide pupils with an understanding of the nature of business activities and the environments within which they function, with particular reference to Hong Kong situations.  2. To provide pupils with a knowledge of the theoretical and practical aspects of the operation of the various types of business organizations.
8.	Core -4	JMBA22	Business Mathematics	<ol> <li>Apply basic mathematics including addition, subtraction, multiplication, division, decimals, fractions, and percentages to solve business application problems</li> <li>Reconcile and analyze various banking statements and services</li> <li>Solve a variety of interest formulas and calculate payroll</li> </ol>

9.	Allied -II  Common	JABA21  SVBE21	Office Management  Value Based Education	<ol> <li>Understanding and clarifying purpose, vision and mission.</li> <li>The secret to working smarter rather than harder.</li> <li>Controlling, prioritising and organising your work.</li> <li>Understand the need of values and its classification in contemporary society.</li> <li>Appreciate the values needed for peaceful society like democratic,</li> </ol>
				secular, and socialist etc
11.	Core – 5	JMBA31	III Semester Principles of Management	<ol> <li>Discuss and communicate the management evolution and how it will affect future managers.</li> <li>2. Observe and evaluate the influence of historical forces on the current practice of management.</li> </ol>
12.	Core – 6	JMBA32	Business Law	Demonstrate an understanding of the Legal Environment of Business.     Apply basic legal knowledge to business transactions.     Communicate effectively using standard business and legal terminology.
13.	Core – 7	JMBA33	Financial Accounting	define bookkeeping and accounting     explain the general purposes and functions of accounting     explain the differences between management and financial accounting
4.	Allied – III	JABA31	Organisational Behaviour	<ol> <li>Analyze individual and group behaviour, and understand the implications of organizational behaviour on the process of management.</li> <li>Identify different motivational theories and evaluate motivational strategies used in a variety of organizational settings.</li> </ol>
5.	Skill Based Subject - I	JSBA34	Banking Practice	Discuss and evaluate the theories relating to the role of banks as financial intermediaries.

				Explain how bank-based     systems differ from market-     based systems
6.	Non – Major Elective - I	JNBA3A	Banking Practice	based systems.  1. Describe and analyse the various bank performance measures.  2. Explain why banks need regulation, and illustrate the main reasons for and against bank regulation
			IV Semester	
3.	Core – 5	JMBA41	Cost Accounting	<ol> <li>Describe how cost accounting is used for decision making and performance evaluation.</li> <li>Explain the basic concept of cost and how costs are presented in financial statements.</li> </ol>
4.	Core – 6	JMBA42	Industrial Law	The subject is not designed to equip students to practice labour law, but rather aims at providing a good working knowledge of the history, theory and practice that govern labour relations. Prior knowledge of law or the legal system is neither required nor expected.
5.	Major Elective - I	JMBA43	Financial Service	This course provides an understanding of the following fund-based and fee based financial services offered by financial intermediaries such as nonbanking finance companies, banks and financial institutions.
6.	Allied – IV	JABA41	Computer Application Business	<ol> <li>Use standard spreadsheet features to produce a representation and analysis of numerical data.</li> <li>5. Create an electronic document that discusses a single subject or conveys a message.</li> </ol>
7.	Skill Based Subject - II	JSBA44	Managerial Skilled Development	To facilitate students' understanding of their own managerial skills.     To improve communication skills.     To learn from the management experience of others.
8.	Non – Major Elective - II	JNBA4A	Entrepreneurship Development	<ol> <li>Know the parameters to assess opportunities and constraints for new business ideas</li> <li>Understand the systematic process to select and screen a business idea</li> </ol>
			V Semester	
9.	Core – 10	JMBA51	Case Analysis	Evaluate current strategies in addressing sustainability issues in business operations

11.	Core – 11	JMBA52  JMBA53	Marketing Management  Production Management	<ol> <li>State the role and functions of marketing within a range of organisations.</li> <li>Apply the introduced conceptual frameworks, theory and techniques to various marketing context.</li> <li>Exhibit good communication skills in the management of personnel and business relationships;</li> <li>Establish procedures for overseeing a production budget;</li> <li>Coordinate the crewing and casting of a production</li> </ol>
4.	Major Elective – II	JMBA5A	Management Accounting	<ol> <li>understand the nature and purpose of different types of organisations (commercial, voluntary, public sector and so on)</li> <li>describe the different ways in which organisations may be structured</li> <li>understand basic concepts of organisational structure</li> </ol>
5.	Skill Based Subject Common	JCSB5A	Personality Development	Learn the basics of Corporate     Presentations & Body Language     Learn Stress Management & the     Science of Happiness which will     help one to achieve both personal     and professional success and     eliminate a couple of roadblocks     that come in the way of stress     management
			IV Semester	
6.	Core – 13	JMBA61	Retail Management	To familiarize students with the decisions involved in running a retail firm and the concepts and principles for making those decisions.
7.	Core – 14	JMBA62	Financial Management	The objective of this course is to inform the students about the basic concepts of financial management and contemporary theory and policy in order to master the concepts, theories and technique of financial management, what represents the condition of profitable business operations and survival respectively

8.	Core – 15	JMBA63	Human Resource	development of business subjects and the economy as a whole.  1. Learn fundamental HRM
			Management	frameworks and analyze the overall role of HRM in business  2. Improve their ability to think about how HRM should be used as a tool to execute strategies and achieve a competitive advantage
9.	Core – 16	JMBA64	Entrepreneurship	Know the parameters to assess opportunities and constraints for new business ideas     Understand the systematic process to select and screen a business idea
10.	Major Elective – III	JMBA6A	Marketing Research	Acquaint students with the marketing research process     Train students to use SPSS effectively

#### **B.C.A.** –Programme Outcome with Objectives

Language/Major/Allied/ Non – Major Elective /Skill Based	Programme Paper Title	Programme Outcome – Objectives
SEMESTER I		
Major Paper Part-III	Programming in C	To impart basic knowledge of Programming Skills in C in language.
Major Paper Part-III	Programming in C Lab	To Impart Practical Training in C Programming Language.
Allied paper	Digital Design  1. To acquire the basic knowledge of control and application of knowledge to under electronics circuits. 2. To prepare stude analysis and design of various digital electronics circuits.	
Part IV	Environmental Studies	<ol> <li>able to recognize the physical, chemical, and biological components of the earth's systems and how they function.</li> <li>to understand probabilistic aspects of human interactions with the environment.</li> <li>do independent research on human interactions with the environment.</li> <li>Role of State Public Service Commission</li> </ol>
	SEMESTEI	RII
Major Paper	Object Oriented Programming in C++	1. To learn the characteristics of an object-oriented programming language: data abstraction and information hiding, inheritance, and dynamic binding of the messages to the methods.
		2. To learn the basic principles of object-oriented design and software engineering in terms of software reuse and managing complexity.

		3. To enhance problem solving and programming skills in C++ with extensive programming projects.
Major Paper Programming in C++ Lab		To Impart Practical Training in C++ Programming Language
Allied Subject –II Theory	Mathematical Foundation for Computer Science	<ol> <li>To understand discrete mathematical preliminaries</li> <li>To apply discrete mathematics in formal representation of various computing constructs</li> <li>To recognize the importance of analytical problem solving approach in engineering problems</li> </ol>
Allied paper –II Practical	Office Automation Lab	1. To use menus, shortcuts and other accessories in OS, to manage files in OS  2. Learn to create a document and apply various manipulation techniques on that document  3. Learn the basics of Spreadsheets  4. Learn how to create PowerPoint, apply styles, aesthetics effects on it
Part -IV	Value Based Education	<ol> <li>To develop a positive and responsible attitude to their own well-being</li> <li>Developing respect for the rights of other people</li> <li>Developing care and concern for their community and environment</li> <li>Developing a sense of social justice</li> </ol>

	SEMESTER III				
Major Paper Core 3	Java Programming	To understand the basic concepts of Object Oriented Programming with Java Language			
Core 4	Essentials of Financial Accounting	To enable learners understand the fundamental concepts of Accounting     To give them a basic knowledge of accounting principles     To facilitate them to prepare final Accounts of			
Major Practical- III	Java Programming Lab (p)	business and non-trading concerns.  To Impart Practical Training in Java Programming Language			
Allied - III	Data Structures	<ol> <li>Ability to analyze algorithms and algorithm correctness.</li> <li>Ability to summarize searching and sorting techniques</li> <li>Ability to describe stack, queue and linked list operation.</li> <li>Ability to have knowledge of tree and graphs concepts.</li> </ol>			
Allied Practical -III	Data Structures Lab	<ol> <li>To access how the choices of data structure &amp; algorithm methods impact the performance of program.</li> <li>To solve problems based upon different data structure &amp; also write programs.</li> <li>Choose an appropriate data structure for a particular problem.</li> </ol>			
Skill Based Subject -I	Programming with PHP & MySql	<ol> <li>To understand the concepts of Open sources.</li> <li>To learn and use Open source database management system MySQL.</li> <li>To create dynamic web pages and web sites.</li> <li>To connect webpages with databases.</li> </ol>			
	SEMESTER	IV			
Core -5	Visual Basic	To provides the skills and knowledge required to use essential features and capabilities of Visual BASIC			
Major Practical -IV	Visual Basic Lab	To Impart Practical Training in Visual Basic			
Allied -IV	Accounting Software-Tally	This course is designed to impart knowledge regarding concepts of financial accounting			
Skill based Subject II	Microprocessor	To Understand and device techniques for faster execution of instructions, improve speed of operations and enhance performance of microprocessors  To Distinguish between RISC and CISC processors.  To Understand multi core processor and its advantages			

Practical –IV	Data Structure Lab	Students will be able to select appropriate design techniques to solve real world problems.
Allied practical IV	I Ialiy Iah	Tally is an accounting package which is used for learning to maintain accounts.

#### **SEMESTER V**

Core 6	Software Engineering	able to apply knowledge of mathematics, science, and engineering.
		<ul><li>2. Able to design and conduct experiments, as well as to analyze and interpret data.</li><li>3. Able ability to work in one or more significant application domains.</li></ul>
Core 7	Web Technology	Students will be able to write a server side java application called Servlet to catch form data sent from client, process it and store it on database.  Students will be able to write a server side java application called JSP to catch form data sent from client and store it on database.
Core 8	RDBMS	<ol> <li>To describe data models and schemas in DBMS</li> <li>To understand the features of database management systems and Relational database.</li> <li>To use SQL- the standard language of relational databases.</li> </ol>
Major Practical V	RDBMS-Lab	Declareandenforceintegrity constraints onadatabaseusing astate-of-the-art RDBMS  Design and implement a database schema for agiven problem-domain

Major Elective -II	Data Mining	<ol> <li>Learning how to produce a quantitative analysis report/memo with the necessary information to make decisions.</li> <li>Describing and demonstrating basic data mining</li> </ol>
		algorithms, methods, and tools
Skill Based Subject (Common)	Personality Development	Develop and nurture a deep understanding of personal motivation.  Develop an understanding of and practice personal and professional responsibility.
	SEMESTER	VI
Core -9	Operating System	Students demonstrate an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
Major Paper Core 10	Computer Networks	Familiarity with the basic protocols of computer networks, and how they can be used to assist in network design and implementation.
Major Paper Core -11	Graphics & Multimedia	Students should be able to explain, discuss and solve simple problems in the basic representation and handling of multimedia and the basic components of a 3D-environments.
Core -12	Software Testing	Have basic understanding and knowledge of contemporary issues in software testing, such as component-based software testing problems Have an ability to use software testing methods and modern software testing tools for their testing projects.
Major Practical -6	Graphics & Multimedia Lab	Understand the basic concepts of computer graphics. Understand the concepts of different type of geometric transformation of objects in 2D and 3D.
Major Based Elective – III	Mobile Communication	To Understand the basic physical and technical settings functioning of mobile communications systems

#### Sri Sarada College for Women, Tirunelveli

#### Department of Commerce

S.No	Sub. Type	Paper Title	Outcome - Objectives
1.	Major	Financial Accounting-I	To acquire conceptual knowledge of Financial Accounting
2.	Major	Business Organisation	To Understand business and its role in society
3.	Allied	Business Economics	To identify the role of supply and demand in a market economy
4.	Common Skill Based	Environmental Studies	
5.	Major	Financial Accounting-II	To enhance critical and analytical approach to different types of accounting
6.	Major	Principles of Management	To familiarize the students with concepts and principles of management
7.	Allied	Marketing	To understand the basic marketing concepts
8.	Common Skill Based	Value Based Education	•
9.	Major	Advanced Financial Accounting-I	To know the concepts of different accounting treatment in business organisations
10.	Major	Business Statistics	To provide the basic knowledge of statistical techniques as are applicable to business
11.	Major	Banking	To create an idea of modern banking
12.	Major	Human Resource Management	To study the importance of human resource
13.	Allied	Company Organisation	To enable the students to learn about the functioning of a company
14.	NME	Introduction to Accountancy	To enable the students to prepare and provide accounting information to the interested parties
15.	Common Skill Based	YOGA	•
16.	Skill Based	Business Communication	To make them use electronic media for business communication
17.	Major	Advanced Financial Accounting-II	To understand the nature and system of accounting followed in partnership firms
18.	Major	Business Mathematics	To provide basic knowledge of mathematical techniques as are applicable to business
19.	Major	Capital Market	To understand the meaning and importance of financial and capital market

20.	Major	Import & Export Procedures	To identify the procedure regarding import and export business
21.	Allied	Computer Application in Business	To know the applications of e commerce and online trading
22.	NME	Financial Accounting	To explain the concept and role of accounting and financial reporting in the modern marketing economy
23.	Common Skill Based	Computer for Digital Era	
24.	Skill Based	Entrepreneurship Development	To develop and strengthen the entrepreneurial quality among the students
25.	Major	Corporate Accounting-I	To study the issue, allotment and forfeiture of shares of the companies
26.	Major	Cost Accounting	To acquire the basic knowledge of cost in business concerns
27.	Major	Business Law	To understand the scope and boundaries of business law
28.	Major	Research Methodology	To understand the basic concepts of research and its methodologies
29.	Major Elective	Income Tax Law & Practice- I	To understand the basic concepts of Income Tax
30.	Common Skill Based	Personality Development	
31.	Major	Mini Project	To enable the students to apply their conceptual knowledge in a practical situation
32.	Major	Corporate Accounting-II	To know the preparation of liquidator's final statement of accounts
33.	Major	Management Accounting	To familiarize the students with basic management accounting concepts
34.	Major	Industrial Law	To acquaint knowledge of industrial relations framework in our country
35.	Major	Auditing	To know the importance of audit in commercial and non commercial organisations
36.	Major Elective	Income Tax Law & Practice-II	To know the procedures for the assessment and types of assessment
37.	Major	Major Project	To impart knowledge and develop understanding of research methodology and its applications

## SRI SARADA COLLEGE FOR WOMEN, TIRUNELVELI

#### **DEPARTMENT OF CHEMISRTY**

## **Programme Outcome with Objectives**

Language/Major/A llied/ Non – Major Elective /Skill Based	Programme Paper Title	Programme Outcome - Objectives
	I-SEM	IESTER
Major Paper	Inorganic Chemistry I	1.To study the atomic structure from wave mechanical concept 2.To know the arrangement of elements in the periodic table and the periodic properties. 3.To understand the different kinds of chemical forces in molecules. 4.To know the nature of compounds formed by s- and p-block elements.
Major Paper	Physical Chemistry-I	<ol> <li>To understand the basics of physical chemistry</li> <li>To study the photochemical laws and photochemical reactions.</li> <li>To know the nuclear reactions and applications.</li> </ol>
Major Practical	Inorganic Quantitative Analysis -I	<ol> <li>To enable the students to acquire the quantitative skills in volumetric analysis.</li> <li>At the end of the course, the students should be able to plan experimental projects and execute them.</li> </ol>
General Paper	Environmental Studies	<ol> <li>To know the natural resources and associated problem.</li> <li>To study the environmental pollution</li> <li>To understand the social issues and the environments</li> </ol>
		MESTER
Major Paper	Inorganic Chemistry – II	<ul> <li>1.To know the basic principles of metallurgy and the chemistry of d- block elements</li> <li>2.To learn the chemistry of f-block elements.</li> <li>3.To understand the basic concepts of coordination chemistry and early theory</li> <li>4. To learn the basic analytical methods</li> <li>5. To study the chemistry of noble gases</li> </ul>
Major Paper	Organic Chemistry – I	<ol> <li>To learn the classification and nomenclature of organic compounds.</li> <li>To study the important organic reaction and mechanism</li> </ol>

Major Practical	Inorganic Quantitative	1. To enable the students to acquire the
iviajoi Fiactical	Analysis - II	quantitative skills in volumetric analysis.
	Allalysis - II	2. At the end of the course, the students should
		be able to plan experimental projects
		and execute them.
Cananal Day	Value Based Education	
General Paper		To know the social issues and problems
Major Damon		EMESTER
Major Paper	Organic Chemistry- II	1. To learn the structure and reactivity of carbonyl compounds.
		2. To study about carboxylic acid
		3. To study about carboxyne acid  3. To study about organometallic compounds
		and organo sulphur compounds
Major Practical	Inorganic Qualitative	1.To enable the students to understand various
iviajoi Fracticai	Analysis	procedures in salt analysis.
		2.To create an awareness on ecofriendly
		approach in salt analysis
Allied	Allied Chemistry– I	1. To learn about atomic structure and bonding.
		2. To learn the principles of reactions of
		organic compounds.
		3. To study about photochemical reactions.
		4. To learn about the importance of polymers
		and polymer science.
		5. To study about lubricants and some
		cosmetics in the modern world.
Allied Practical -	Allied Chemistry	To enable the students to acquire the
II	Practical- I	quantitative skills in volumetric analysis.
N M.:	W-tM	Acidimetry and alkalimetry
Non-Major	Water Management	1. To realize the importance of quality water in day to day life.
		2. To study the different types of water
		pollutants.
		3. To study the water quality parameters
		4. To learn the techniques of waste water
		treatment and water purification.
Skill based Subject	Agrochemistry	1. To study the preparation of different
<b>,</b>		fertilizers
		2. To learn the importance of pesticides
		3. To study about the classification and
		components of soil
General Paper	Yoga	1.Prevention of health problems and
<u> </u>		rehabilitation through Yoga Promoting
		positive health
		2. Promoting total personality development of
		students in Colleges and Universities
		3. Invoke positive attitude and spirit to
		channelize their energies in to creative and
	TV/ CE	constructive endeavours.
Major Paper	Physical Chemistry – II	1.To learn about the fundamental concepts of
iviajoi i apci	i nysicai Cheillish y – 11	first law of thermodynamics, to relate heat, work
		That law of thermodynamics, to relate heat, work

	1	and anamay and to salarilate was it. for an in-
		and energy and to calculate work from pressure –
		volume relationships.
		2. To understand the chemical equilibrium.
		3.To understand the basic concept of
		electrochemistry.
Major Prosting	Inomonio Duomantiano 0	4.To study solutions.
Major Practical	Inorganic Preparations &	
	Determination of	To make the students thorough in inorganic
A 11: a d	Physical Constants	complex preparations
Allied	Allied Chemistry - II	1.To learn the chemistry of basic aromatic
		compounds.
		2.To understand the nuclear particles and few
		nuclear reactions
		3.To know about carbohydrates, amino acids, proteins and nucleic acid.
		<u> </u>
		4.To study about fuels, fertilizers, cement and
		glass. 5.To know about some common diseases and
Allied	Inorgania Qualitativa	the drugs used.  1.To enable the students to understand various
Practical-II	Inorganic Qualitative	
Practical-II	Analysis	procedures in salt analysis.
		2.To create an awareness on ecofriendly
		approach in salt analysis
Non-Major	Applied Chemistry	To acquire knowledge about the chemicals used
		in day to day life
Skill based	Chemistry in Medicine	1.To have knowledge of first aid and the
Subject		important rules.
		2.To know the common chemicals in medicine
		To have awareness of common diseases
		10 have awareness of common diseases
		3.To learn the diagnostic tests and to know the
		importance of vitamins.
General Paper	Computer for digital Era	To create the awareness about the digital
Jeneral Laper	Computer for digital Era	India among the student community.
		2. To make the student to understand the role of
		computer in the day to day living.
		3. To create the awareness about the e-learning
		and security issues.
	V_CI	EMESTER
Major Paper	Organic Chemistry-III	1.To learn about stereochemistry
major raper	Organic Chemistry-III	2.To understand aromaticity
		3.To study dyes
Major Paper	Physical chemistry-III	1.To learn about thermodynamics,
παίοι ι αροι	1 Hysical Chemistry-III	electrochemistry and surface chemistry
		2.To understand group theory and
		spectrochemistry
Major Elective -	Polymer Chemistry	1.To know the concept of polymerization and
I I I I I I I I I I I I I I I I I I I	1 Olymer Chemistry	
1		types of polymers
		2.To understand the characteristics of polymers

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		3.To acquire knowledge about the
		polymerization techniques and polymer
		processing
		4.To know the chemistry of individual
		polymers 5.To have an idea about the recent
		advances in polymer sciences
Major Elective -	Analytical Chemistry	To know the importance of analytical chemistry
II		and to study about the different types of
		analytical techniques
General Paper	Personality Development	
Major Practical	Organic Analysis	1.To enable the students to understand the
		various procedures in organic analysis
		2.To create an awareness on microscale
		experiments in organic chemistry practicals
Major Practical	Physical Chemistry	To enable the students to understand the
	Experiments	principles of physical chemistry experiments
	VI-S	EMESTER
Major Paper	Inorganic Chemistry – III	1.To study the theories in coordination
		chemistry 2.To study the chemistry of metal
		carbonyls
		3.To understand the role of metal ions in
		biological systems
		3.To study the basic principles of
		photoinorganic chemistry
Major Paper	Organic Chemistry - IV	1.To learn about natural products
		2.To understand chemistry of aromatic
		compounds
		3.To study spectroscopy
Major Paper	Physical chemistry –IV	1.To learn about basic concepts in spectroscopy
		2.To understand chemical equilibrium and
		phase equilibrium
		3.To study nano chemistry
Major Elective-I	Nano Chemistry	1.To give an insight into the basics of
		nanochemistry.
		2.To understand the difference between bulk
		material and nanomaterial and learn the
		synthesis, application and fabrication of
		nanostructure.
		3.To study the importance of nanocatalyst,
		nanocomposites and fibers.
		4.To make the students familiar with the
		characterization and applications of
		nanomaterials.
Major Practical	Gravimetric Estimation	1.To enable the students to understand the
	& Organic Preparation	various techniques in gravimetric estimations
		2.To make the students thorough in inorganic
		complex preparations
Group Project	Major Project	Identify the potential areas of research in his/her field;
		2. Collect data from various sources including the

and link them to life.  3. Read and write originally and usefully.
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#### **DEPARTMENT OF COMPUTER SCIENCE**

#### PROGRAMME OUTCOMES(UG & PG)

#### <u>UG</u>

S.NO	MAJOR/ALLIED /NME/SKILL BASED	PROGRAMME PAPER TITLE	PROGRAME OUTCOMES- OBJECTIVES			
		<u>I YEAR</u> SEMESTER I				
1	MAJOR	PROGRAMMING INC	To obtain knowledge about the structure of the programming language C and to develop the program writing and logical thinking skill			
2	MAJOR PRACTICAL	PROGRAMMING INC LAB	To develop skills in implementing algorithms through the programming Language C and to explore the features of C by applying sample problems.			
3	ALLIED	DISCRETE MATHEMATICS	To apply basic concepts for clear understanding of mathematical principles and to solve practical problems			
4	ALLIED PRACTICAL	COMPUTER BASICS	To develop skills in implementing algorithms through the programming Language C and to explore the features of C by applying sample problems.			
5	COMMON	ENVIRONMENTAL SCIENCE	To understand theconcepts of multidisciplinary nature of environmental studies, pollution, ecosystem, social issues and biodiversity.			
	<u>SEMESTERII</u>					
1	MAJOR	PROGRAMMING IN C++	To gain the basic knowledge of object oriented programming concepts and to understand the detail idea of C++ streams, Inheritance, Overloading of operators, functions, constructors, File Handlingand templates concepts of C++ programming.			
2	MAJOR PRACTICAL	PROGRAMMING IN C++ LAB	To gain knowledge about the object oriented programming concepts and C++ streams, Inheritance, Overloading of			

	1	T	
			operators, functions,
			constructors, FileHandlingand
			templates concepts of C++
			programming by implementing
			sample programs.
			To understand the concept of
			digital systems, to operate on
3	ALLIED	DIGITAL DESIGN	various number systems and
			simplify Boolean functions and
			to distinguish logical and
			combinational circuits.
			To understand and make
4	ALLIED	LINUX	effective use of Linux utilities
	PRACTICAL	Zii (eii	and Shell scripting language to
			solve problems.
			To enable the students to
		VALUE BASED	understand the social realities
5	COMMON	EDUCATION	and to inculcate an essential
		EBGCHIIGH	value system towards building a
			health society.
		<u>II YEAR</u>	
	T	SEMESTER III	1
			To understand the basic
			programming constructs of Java
1	MAJOR	JAVA PROGRAMMING	Language and to explore the
			features of Java by applying to
			solve problems.
			To gain knowledge about the
			architecture of computer and to
2	MAJOR	COMPUTER	understand the concepts of
_		ARCHITECTURE	CPU, ALU Design , I/O
			Instruction format and different
			processors
			To understand the concepts of
			basic data structures such as
			stack, queues and linked list.
_			To have general understanding
3	MAJOR	DATA STRUCTURES	of the network structures
			through trees and graph.
			To make the students to
			understand the basic algorithms
			for sorting.
			To impart knowledge about the
4	ALLIED	WEB TECHNOLOGY	web technologies and their
			applications and to understand
			the basics of web designing
			To understand the concepts of
5	SKILL BASED	PROGRAMMING WITH	open sources.
		PHP & MySQL	To learn and use open source
			database management system

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			MySQL. To create dynamic web pages and websites. To connect web pages with database.
6	COMMON	YOGA	1.Prevention of health problems and rehabilitation through Yoga.  2.Invoke positive attitude and spirit to channelize their energies in to creative and constructive endeavours
7	MAJOR PRACTICAL	JAVA PROGRAMMING LAB	To develop skills in implementing algorithms through the programming Language JAVA and to explore the features of JAVA by applying sample problems
8	ALLIED PRACTICAL	WEB DESIGN USING HTML	To highlight the basic concepts of HTML and help the student to equip with the programming skills in implementing and developing web based applications
9	NME	BASIC PROGRAMMING DESIGN	To study the basic concepts of Programming and understand the structures of programming constructs.
		SEMESTER IV	
1	MAJOR	VISUAL BASIC	Visual Basic Programming introduces event-driven Windows Programming, data types, operators, objects and properties, menus, procedures, control structures, and database file processing.
2	MAJOR	INFORMATION SECURITY	Information security focuses on the overview of information security, the tools and techniques used to secure information and the procedures and practices that must be followed by organizations to ensure information security.
3	MAJOR	RELATIONAL DATABASE MANAGEMENT SYSTEM	To learn the fundamental data models and conceptualize and depict a database system using ER diagram.

4 ALLIED E-COMMERCE  5 SKILL BASED ANDROID PROGRAMMING Android SDK.  6 COMMON DIGITAL ERA  7 MAJOR PRACTICAL  8 ALLIED PYTHON  9 NME  ALLIED PYTHON  9 NME  HTML  1 MAJOR  SOFTWARE  1 MAJOR  SOFTWARE  1 MAJOR  MAJOR  DATA  COMMUNICATION AND COMPUTER ING SHEETING  DATA  COMMUNICATION AND COMPUTER ING SING MAJOR  DATA  COMMUNICATION AND COMPUTER ING SING MAJOR  DATA  COMMUNICATION AND COMPUTER ING SING MAJOR  MAJOR  MAJOR  DATA  COMMUNICATION AND COMPUTER NETWORK  ALLIED DATA  COMMUNICATION AND COMPUTER NETWORK  MAJOR  MAJOR  DATA  COMMUNICATION AND COMPUTER NETWORK  ALLIED DATA  COMPUTER NETWORK  ALLIED COMPUTER NETWORK  ALLIED POT NET TECHNOLOGIES  AND AND COMPUTER NETWORK  ALLIED COMPUTER NETWORK  TO highlight the basic concepts of HTML  Learn to program in Python and implementation of a software product.  2 DATA  COMMUNICATION AND COMPUTER NETWORK  ALLIED COMPUTER NETWORK  ALLIED PYTHON  DOT NET TECHNOLOGIES  ANDROID PROGRAMMING  TO impart knowledge about the web technologies and their application and to understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.  2 To understand the concepts of ASP.NET and apply it to develop various applications.		1		To make a study of COL and
4 ALLIED E-COMMERCE  SKILL BASED  ANDROID PROGRAMMING  COMMUNICATION AND COMPUTER ROT PRACTICAL  BALLIED PAATA  ALLIED PATA  MAJOR  MAJ				To make a study of SQL and
4 ALLIED E-COMMERCE  B-COMMERCE  ANDROID PROGRAMMING  ANDROID PROGRAMMING  To learn the fundamentals of Android Porgramming using Android SDK.  1.To create the awareness about the digital India among the student community.  2.To create the awareness about the e-learning and security issues.  To highlight the basic concepts of HTML and help the student to equip with the programming skills in implementing and developing web based applications  ALLIED PRACTICAL  PYTHON  PRACTICAL  PYTHON  BAJOR  PRACTICAL  PYTHON  PYTHON  PYTHON  BEMESTER V  III YEAR SEMESTER V  III YEAR SEMESTER V  1.To understand the concepts of analysis, design and implementation of a software product.  2.To learn the various tags used in HTML  1.To understand the concepts of analysis, design and implementation of a software product.  2.To have general understanding about object-oriented software engineering.  1.To understand the concepts of analysis, design and implementation of a software product.  2.To have general understanding about object-oriented software engineering.  1.To understand the concepts of analysis, design and implementation of a software product.  2.To pave general understanding about object-oriented software engineering.  1.To have general understanding about object-oriented software engineering.  1.To highlight the basic concepts of ASP.NET and apply it to develop various applications.  2. To understand the concepts of ASP.NET and apply it to develop various applications.				
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4	ELECTIVE	MULTIMEDIA APPLICATIONS	<ul> <li>1.To have general understanding about Multimedia.</li> <li>2. To make the students understand the elements of multimedia</li> </ul>
5	MAJOR PRACTICAL I	DOT NET	Learn to program in Dot Net and to develop web pages using ASP.NET
6	MAJOR PRACTICAL II	DATA STRUCTURES	To develop skills in implementing data structure algorithms
7	MAJOR	MINI PROJECT	To develop applications in PHP using various concepts like arrays, udf's, Sessions and make the students to understand and to establish the connectivity between PHP and MySQL and develop programs to add records, retrieve records and delete records from a table.
<b>SEMES</b>	<u>rer vi</u>		
1	MAJOR	OPERATING SYSTEM	1.To acquire the fundamental knowledge of the operating system architecture and components and to know the various operations performed by the operating system.  2. Understand the basic working process of an operating system and importance of process scheduling.
2.	MAJOR	COMPUTER GRAPHICS AND VISUALIZATION	To develop skills and knowledge about computer graphics and Visualization and to understand 2D, 3D transformations.
3	MAJOR	DATA WAREHOUSING AND DATA MINING	1.To understand and implement classical models and algorithms in data warehousing and data mining 2. To analyze the data, identify the problems, and choose the relevant models and algorithms to apply.
4	ELECTIVE	INTERNET OF THINGS	1.Learn how the Internet of Things (IOT) has the potential to alleviate some of the world's most significant problems.

			2. To learn IOT technology and architecture.
5	MAJOR PRACTICAL I	ORACLE	1.To acquire skills in SQL statements with various constructs 2. To acquire skills in PL/SQL Programming
6	MAJOR PRACTICAL II	ANDROID PROGRAMMING	<ul><li>1.To acquire skills in Android Studio</li><li>2. To acquire skills in mobile Programming</li></ul>

# <u>PG</u>

S.NO	MAJOR/ALLIED/N ME/SKILL BASED	PROGRAMME PAPER TITLE	PROGRAME OUTCOMES- OBJECTIVES
	1	<u>I YEAR</u>	1
	<u> </u>	<u>I SEMESTER</u>	
1	MAJOR	DIGITAL AND ANALYSIS OF ALGORITHMS	<ul><li>1.To understand the concepts of algorithms</li><li>2.To have general understand of the network structures through trees and graphs</li></ul>
2	MAJOR	ADVANCED JAVA PROGRAMMING	1.To understand the basic programming constructs of Java language 2.To explore the features of Java by applying to solve problems.
3	MAJOR	OBJECT ORIENTED SYSTEMS DEVELOPMENT	1.To understand the object oriented methodology and analysis. 2.To explore the features of software quality assurance.
4	MAJOR	DISTRIBUTED COMPUTING	1.To understand the types of networks, message passing, Synchronization. 2.To learn distributed file systems and process migration.
5	MAJOR	MATHEMATICAL FOUNDATION FOR COMPUTER SCIENCE	To apply basic concepts for clear understanding of mathematical logic, set theory, matrices, graph theory and to solve practical problems

5	MAJOR PRACTICAL I	ALGORITHM LAB USING C++	To understand the basic structure of C++ and to implement the stack,queue,prim's,kruskal's algorithm.
6	MAJOR PRACTICAL II	ADVANCED JAVA LAB	1.To learn JDBC and implement insert, fetch and update the records. 2.To implement inheritance, interface and packages.
II SEN	<u>IESTER</u>		
1	MAJOR	WEB APPLICATION DEVELOPMENT	1.To understand ASP.NET applications, validations. 2.To gain the knowledge of intrinsic objects ,Rich controls and template controls.
2	MAJOR	OPEN SOURCE TECHNOLOGY	1.To learn Unix and Linux GUI 2.To understand the files, PHP/SQL functions and queries.
3	MAJOR	ADVANCED DATABASE MANAGEMENT SYSTEM	1.To learn the fundamental data models and conceptualize and depict the database system using ER diagram. 2.To make a study of SQL and relational database design using oracle
4	MAJOR	SECURITY IN COMPUTING	1.To understand the concept of security in databases and networks. 2.To learn program security and cryptography.
5	ELECTIVE	DATA MINING	1.To understand and implement models and algorithms in data mining. 2.To7nalyse the data, identify the problems and choose the relevant models and algorithms to apply.
6	MAJOR PRACTICAL I	WEB APPLICATION LAB	1.To understand the basic structure of .Net and to implement the query string, cookies, controls. 2.To store the data's in MS Access.
7	MAJOR PRACTICAL II	OPEN SOURCE LAB	1.To understand the basic structure of Linux and PHP.

			2.To implement the database hiding, create and read directory, linux commands.
			and the state of t
		<u>II YEAR</u> <u>III SEMESTER</u>	
1	MAJOR	DIGITAL IMAGE PROCESSING	<ul><li>1.To understand the broad base of theoretical concepts of image.</li><li>2.To implement the concepts with the state of art of image processing using MATLAB.</li></ul>
2	MAJOR	SOFT COMPUTING	1.To explore the benefits computing methodologies like neural networks, fuzzy logic and genetic algorithm. 2.To enable the students to develop hybrid systems for the industrial problems.
3	MAJOR	SOFTWARE TESTING	1.To enable a clear understanding about software tester. 2.To apply software testing knowledge and engineering concepts to detect errors in the software.
4	MAJOR	RESEARCH METHODOLOGY	1.To enable the students to know about the information needs of the research domain. 2.To introduce the concept of scientific research and the methods of conducting scientific enquiry.
5	ELECTIVE	BIG DATA ANALYSTICS	1.To understand the fundamental concepts of big data analytics. 2.To explore the knowledge about big data computing and data mining, Data integration and extraction.
6	MAJOR PRACTICAL I	IMAGE PROCESSING USING MATLAB	To understand thebasic structure of MATLAB and to implement the image processing concepts
7	MAJOR	MINI PROJECT	
1	MAIOD	IV SEMESTER  MAJOR PROJECT	
1	MAJOR	MAJOR PROJECT	

# SRI SARADA COLLEGE FOR WOMEN, TIRUNELVELI-11 DEPARTMENT OF ECONOMICS

#### **B.A.**Economics Programme –Outcome with Objectives

(From 2017 Onwards) 2018-2019

Language/ Major/Allied/ Non-Major Elective/ Skill-Based	Programme Paper Title	Programme Outcome-Objectives
	SEMESTER-I	
Major Paper	Micro-economics-I	1. To enable the students to understand the basic concepts of Economics, market structure and distribution of theories.
Major Paper	Statistical methods-I	1. To enable the students to understand the significance of statistical tools in research.
Allied Paper	Principles of Advertisement- I	1. To enlighten the students about the significance of advertising.
General Paper	Environmental Studies	1. The Multidisciplinary nature of environmental studies 2. Natural Resources: Renewable and non-renewable resources 3. Eco System 4 Bio-Diversity and its Conservation 5. Environmental Pollution 6. Social Issues and the Environment 7. Human Population and the Environment.
	SEMESTER-II	_
Major Paper	Micro-Economics-II	1. To enable the students to understand the basic concepts of Economics, market structure and distribution of theories
Major Paper	Statistical methods-II	1. To enable the students to understand the use of statistical tools in research
Allied Paper	Principles of Advertisement- I	1. To enlighten the students about the significance of advertising.
General Paper	Value Based Education	<ol> <li>Philosophy of life and Social Justice</li> <li>Human Rights and Organizations</li> <li>Women and Child Rights 4.Communal Harmony 5.Social problems and Globalization, consumer movement.</li> </ol>
	SEMESTER-III	
Major Paper	Mathematical Methods-I	1. To teach the meaning and significance of

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		elementary mathematical tools in students of
		economics. 2.To enrich the students with the
		important Mathematical devices for research
Allied Paper	Entrepreneurial Development -	1. To enrich the students about the need,
	I	supporting facilities and obstacles in
		entrepreneurship.2.To build Confidence
		among the students to launch
		Entrepreneurial Ventures.
Skill Based	International Economics-I	1. To enable the students to understand the
Paper		theories and various aspects of international
		trade.
Non-Major	Economics for Competitive	1. To equip students with the Knowledge of
Elective Paper	Examinations	Economics for Competitive examinations.
1	SEMESTER-IV	1
Major Paper	Mathematical Methods-II	1.To enable the students to understand the
J. J. M.		concepts and methods of mathematical
		techniques
Allied Paper	Entrepreneurial Development-	1. To enable to the students to acquire skills
Timed Tuper	II	in respect of entrepreneurship for
		entrepreneurial opportunities.
		2. To help the students understand the
		importance of institutional supports from the
		Government.
Skill Based	International Economics-II	1. To familiarize the students with foreign
	International Economics-II	
Paper		exchange market and international finance
		institutions. 2. It helps to analyze the trade
Non Maion	Economics for competitive	agreements and foreign trade activities.
Non-Major	Economics for competitive	1. To enables the students into introduce
Elective Paper	Examination-II	various Macro Economic concepts to the
		students of economics.
		2. It gives clear idea about the economic
		development index and statistical techniques
		of economics.
16: 7	SEMESTER-V	4.5
Major Paper	Macro Economics-I	1. To enables the students to understand the
		concepts, theoretical foundation and
		methods of analysis in macro economics.
		2. To develop the skill in evaluating macro
		Economic policies of economic
		development.
Major Paper	Public Finance-I	1. To make the students acquire the
		adequate knowledge of the nature and
		characteristics of public finance system in
		an economy

		2. To provide insights into the formulation
		and evaluation of effective budgetary policy
Major Paper	Money and Banking	<ol> <li>To enable the students to understand the concepts and methods of monetary management in the economy.</li> <li>To make the students understand theories of value of money also the money market and capital market.</li> </ol>
Major Elective-I	Indian Economy-I	1. To enable the students to analyze various issues pertaining to India' Economic development. The performance of the economy is to be addressed also critical appraisal is expected by taking cognizance of the contemporary developments.
Major Elective- II	Labour Economics	<ol> <li>To enable the students to understand the analysis of labour Markets.</li> <li>A knowledge of the empirical evidence on trade unions and industrial disputes also stress the importance of labour welfare and social security measures.</li> </ol>
Skill Based Paper-I	Personality Development	1. To understand the basic concept of personality.2 To understand the nature of personality and factors contributing to formation of personality.3. To understand Various dimensions of Personality.4. To understand the basic theories of personality.5 To understand the types of personality. 6. To enable the students to groom their personality and prove themselves as good Samaritans of the Society. This paper consists of individual or in-group class presentation pertaining to the applications of concepts.
	SEMESTER-VI	1
Major Paper	Macro-Economics-II	1. To understand macroeconomic concepts, theories and policies
Major Paper	Public Finance-II	<ol> <li>To enable the students to understand the budgetary policy, fiscal policy for the economic development.</li> <li>To understand the local bodies functions and also it stress the importance of finance commission in India. To enriches the students with knowledge of government's</li> </ol>

		income, expenditure, debt and Budgeting
		with reference to India.
Major Paper	Money and Banking-II	1.To enrich the students with the
		Knowledge of Banking functions and
		operations.
		2. To enable the students to understand the
		evolution of banking and banking system in
		India. Also it highlights the modern banking
		system.
Major Paper	Indian Economy-II	1.To enable the students to understand the
		availability of resources ,problems of
		poverty and unemployment ,role of
		agricultural ,industrial and service sectors
		and planning and reforms of the Indian
		economy.
		2. To enable the students to understand
		capital formation in India. To know the role
		of service sector in India and also it stress
		the impact of globalization in India.
Major Elective	Planning and Growth	1To help the students to understand the
Paper		different aspects of process of planning and
		issues relating to growth and development.
		2. To make the students familiar with the
		developmental issues and solutions of both
		developed and developing countries.

#### **ECONOMICS**

After having completed the UG degree Economics graduates are enabled.

- To build a strong foundation of knowledge in different area of Economics.
- To develop the skill of applying concepts and techniques used in Economics.
- To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students.
- To expose students about entrepreneurship skill to become an entrepreneur.
- Economic students know and act on the economic trends, fiscal policies and also the different administrative sectors.
- Economics graduates can apply for any government examination like TNPSC, UPSC, Bank exams, share markets.
- Well trained economists are in huge demand not only in India but across the World for rapidly globalizing economic scenario.

## Sri Sarada College for Women, Tirunelveli-11

## **Department of Information Technology**

Language/Major/Allied/ Non – Major Elective /Skill Based	Programme Paper Title	Programme Outcome - Objectives
Semester-I Major -I	Introduction to Information Technology and Html	<ul> <li>Recognize the components of an HTML file and create such a file.</li> <li>Link to local files and web pages from their web pages.</li> <li>Add graphics and sound to their web pages using HTML.</li> <li>Evaluate web page design and consider design issues that affect web pages.</li> <li>Add links to sites from their web pages.</li> <li>Outcome: Tailor web design and development to interlink Environment</li> </ul>
Major Practical -I	HTML Lab	<ul> <li>Insert a graphic within a web page.</li> <li>Create a link within a web page.</li> <li>Create a table within a web page.</li> <li>Insert heading levels within a web page.</li> <li>Insert ordered and unordered lists within a web page.</li> <li>Create a web page.</li> </ul>
Allied –I	Office Automation	<ul> <li>Give students an in-depth understanding of why computers are essential components in business, education and society.</li> <li>Introduce the fundamentals of computing devices and reinforce computer vocabulary, particularly with respect to personal use of computer hardware and software, the Internet, networking and mobile computing.</li> </ul>

to enhance their analysing and problem solving skills and use the same for writing programs in C.  Course Outcomes: After Completion of the course student should able to  • Know concepts in problem solving  • To do programming in C language  • To write diversified solutions using C language  • To acquire the basic knowledge of digital logic levels and application of knowledge to understand digital electronics circuits.  • To prepare students to perform the analysis and design of various digital electronic circuits.  Outcomes After studying this course the students would gain enough knowledge  • The ability to identify and prevent various hazards and timing problems in a digital design.  • To develop skill to build, and troubleshoot digital circuits  Allied Practical-III  PowerPoint & Database lab  Allied Practical-III  PowerPoint that is interactive and legible content  • Some basic features of MS Access including tables, queries, forms, and reports  Semester -III  Major III  Principles of Information Technology  • To learn about information technology  • To learn about information technology  • To know about AMPS, PCS, CDMI and MMDS			using C language. The students will be able
solving skills and use the same for writing programs in C.  Course Outcomes: After Completion of the course student should able to  • Know concepts in problem solving  • To do programming in C language  • To write diversified solutions using C language  • To acquire the basic knowledge of digital logic levels and application of knowledge to understand digital electronics circuits.  • To prepare students to perform the analysis and design of various digital electronic circuits.  Outcomes After studying this course the students would gain enough knowledge  • The ability to identify and prevent various hazards and timing problems in a digital design.  • To develop skill to build, and troubleshoot digital circuits  Allied Practical-II  PowerPoint & Database lab  PowerPoint that is interactive and legible content  • Some basic features of MS Access including tables, queries, forms, and reports  Semester -III  Major III  Principles of Information Technology  • To learn about information technology  • To know about AMPS,PCS,CDMI and MMDS			
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Major III Principles of Information Technology  To learn about information technology  To know about AMPS,PCS,CDMI and MMDS			including tables, queries, forms, and reports
Information Technology  • To know about AMPS,PCS,CDMI and MMDS	Semester -III	1	1
Technology MMDS	Major III	_	••
Outcome. Knowledge in Frequency			Outcome: Knowledge in Frequency

		spectrum, CDMA, TDMA, Wireless LAN are acquired
Major-IV	Object Oriented Programming With C++	<ul> <li>C++ Programming by examples can be used as an alternative approach to learn the language, by putting practice over theory.</li> <li>In any case this will require you to have greater level of expertise. You will need to understand how C++ files are organized, have and know how to operate a compiler and understand some nuances that will not be visible in code.</li> <li>To understand that you will be able to read and program in C++, to some degree but to get to really understand the language, theory, not only practice, is required. Use the primary book as a reference anytime you have a doubt.</li> <li>Outcome: students will be able to write programme in C++</li> </ul>
Major Practical-IV	Object Oriented Programming With C++ Lab	<ul> <li>Be able to explain the difference between object oriented programming and procedural programming.</li> <li>Be able to program using more advanced C++ features such as composition of objects, operator overloads, dynamic memory allocation, inheritance and polymorphism, file I/O, exception handling, etc.</li> <li>Be able to build C++ classes using appropriate encapsulation and design principles.</li> </ul>
Allied-III	Data Structure	<ul> <li>To enable the student to understand the concepts of data structure such as arrays, stacks, queues, linked lists, trees and graphs.</li> <li>It also explains the different sorting and searching methods.</li> <li>Outcome: Skills in linked list, stacks, search &amp; sorting are obtained.</li> </ul>
Allied Practical-III	Data Structure Lab	<ul> <li>At the end of this lab session, the student will</li> <li>Be able to design and analyse the time and space efficiency of the data structure</li> <li>Be capable to identity the appropriate data structure for given problem</li> <li>Have practical knowledge on the applications of data structures</li> </ul>

Skill Based Subject-I	DTP	<ul> <li>Skilled Based Subjects are Practical oriented.</li> <li>Two hours should be assigned for tutorial class and four hours of practical to do the given practical list. Sample should be provided to the students for designing the given list.</li> <li>Outcome: Skills in page maker, Photoshop, &amp; CorelDraw are developed.</li> </ul>
Non Major Elective -I	Introduction to Information Technology	<ul> <li>To discuss the basic structure and operation of a digital computer and to discuss in detail the operation of the arithmetic unit including the algorithms.</li> <li>To study the memory system including Cache memories and to study different way of communicating with I/O devices and also scripting languages.</li> <li>Outcome: Obtain knowledge in Computer storage, I/O media,&amp; Internet</li> </ul>
Semester-IV		
Major -V	Java Programming	<ul> <li>To enable the students to design and develop enterprise strength distributed and multi-tier applications using Java Technology</li> <li>To enable the students to learn advanced Java Programming concepts like interface,threads,applets etc,and to develop network programs in Java</li> <li>Outcome:Basic ideas of JAVA programming will be obtained</li> </ul>
Major -IV	Java Programming Lab	<ul> <li>To build software development skills using java programming for real world applications.</li> <li>To implement frontend and backend of an application</li> <li>To implement classical problems using java programming.</li> </ul>
Major-VI	Operating System	<ul> <li>To have a thorough knowledge of processes, scheduling concepts, memory management, I/O and file management systems in an operating system.</li> <li>To learn about UNIX and Linux operating</li> </ul>

Allied -IV	Operation Personal	system.  Outcome: Students will obtain knowledge in information, memory, & interprocess communication management of operating system.
Amed -1V	Operation Research And Numerical Analysis	<ul> <li>To know about transportation and assignment problems in Operation Research</li> </ul>
		• To solve sequencing problem and simultaneous equations.
		•Outcome: Students will able to solve Transportation Problem, Assignment Problem, & Sequencing Problem.
Allied Practical-IV	Linux Lab	<ul> <li>Understanding the basic set of commands and utilities in Linux/UNIX systems.</li> <li>To learn the C language and get experience programming in C.</li> <li>To learn the important Linux/UNIX library functions and system calls.</li> </ul>
Skill Based Subject -2	Animation Applications	<ul> <li>Skilled Based Subjects are Practical oriented.</li> <li>Two hours should be assigned for tutorial class and three hours of practical to do the given practical list. Sample should be provided to the students for designing the given list.</li> <li>Outcome: Flash &amp; Dreamweaver skills will be acquired.</li> </ul>
Non Major Elective -II	Basic Program Design	<ul> <li>To discuss the basic programming Language and Debugging.</li> <li>To study the multidimensional arrays.</li> <li>Outcome: Students will acquire knowledge in algorithms, flowchart &amp; arrays.</li> </ul>
Semester -V		
Major-VII	Relational Database Management System	<ul> <li>The area of relational database management system is crowded with a vast number of quality products.</li> <li>This paper aims to provide the students a strong foundation in database technology</li> </ul>

Major Practical -V	Relational Database Management System	<ul> <li>and to learn the fundamentals of data models to make a study of SQL and relational database design.</li> <li>Outcome:Knowledge about design RDBMS, SQL, PL/SQL will be obtained.</li> <li>Preparation of background materials and documentation needed for Technical Support using SQL and PL/SQL.</li> <li>Use the Relational model and how it is supported by SQL and PL/SQL.</li> <li>Use the PL/SQL code constructs of IF-THEN-ELSE and LOOP types as well as syntax and command functions.</li> <li>Solve Database problems using Oracle 9i SQL and PL/SQL. This will include the use of Procedures, Functions, Packages, and Triggers.</li> </ul>
Major-VIII	Software Engineering	<ul> <li>To learn the methodologies involved in the development and maintenance of software over its entire life cycle</li> <li>To understand the concepts of modeling, implementation and various testing strategies and the use of CASE Tools.</li> <li>Outcome: obtain knowledge in software development process, testing &amp; maintenance as well as CASE Tools.</li> </ul>
Major-IX	Wireless Application Protocol	<ul> <li>To study about WAP architecture.</li> <li>To learn about WAP gateways.</li> <li>To know about WML decks.</li> <li>Outcome: Students will obtain ideas about WAP application, gateways &amp;WML.</li> </ul>
Major Elective -I	Management Information Technology	<ul> <li>To develop and implement management Information Systems in order to deliver cost effective Information and Communication Technology(ICT) solutions that strengthen the efficiency business processes, introduce better controls, greater accountability and improved decision making</li> <li>Outcome: Skills in MIS application will be improved</li> </ul>
Semester -VI		
Major-X	Data Communication and Network	<ul> <li>To learn the concepts,terminologies and technologies used in modern days data communication and computer networking.</li> <li>To understand the functions of different networking layers.</li> </ul>

Major -XI	Multimedia	<ul> <li>To make the students to get familiarized with different protocols and network components.</li> <li>Outcome: Students are obtained skills in different networking layers, protocols &amp;components while data communication.</li> </ul>
Major -Ai	Technology	<ul> <li>To impart the fundamental concepts of multimedia.</li> <li>To study the graphics techniques and algorithms, multimedia concepts.</li> <li>To enable the students to develop their creativity.</li> <li>Outcome: Basic ideas of images, audio, video &amp; animation are obtained.</li> </ul>
Major-XII	.Net Programming	<ul> <li>The objective of this course is to teach the design of web application for the students who already have mastered the fundamentals of the language.</li> <li>Students will learn to build and test larger projects using procedures, objects, debugging tools and data files.</li> <li>Outcome: Students can develop programme in .NET application, HTML,XML&amp;ADO access.</li> </ul>
Major Practical -VI	.Net Programming Lab	<ul> <li>Set up a programming environment for ASP.net programs.</li> <li>Configure an asp.net application.</li> <li>Creating ASP.Net applications using standard .net controls.</li> <li>Develop a data driven web application.</li> <li>Connecting to data sources and managing them.</li> <li>Maintain session and controls related information for user used in multi-user web applications</li> </ul>
Major Elective -II	Web Programming	<ul> <li>To learn the concepts, terminologies and technologies used in web programming.</li> <li>To know about the functions of XHTML.</li> <li>To make the students to get familiarized with java script &amp; server side programming.</li> <li>Outcome: Basic ideas in XHTML, java script, server &amp; client side web programme will be developed.</li> </ul>

The B.Sc. (Information Technology) students on completion of their course are able to:

- 1. To enhance their computer literacy, basic understanding of operative systems
- 2. Serve as Computer Engineer with enhanced knowledge of computers and its building blocks.
- 3. Serve as IT Officer in Banks and cooperative societies.
- 4. Serve as Programmer or Software Engineer with sound knowledge of practical and theoretical concepts for developing software.
- 5. Serve as System Administrator with thorough knowledge of DBMS.
- 6. Serve as Web Designer with latest web development technologies
- 7. To organize information efficiently in the form of outlines, charts, etc. using appropriate software.
- 7. To develop skills to present ideas effectively and efficiently.
- 8. To design and deliver an effective presentation and developing the various IT skills to electronic databases.
- 9. To critically analyze a problem using the system analysis.
- 10. To function effectively on teams to accomplish a common goal, Demonstrate professional behaviour.
- 11. To develop IT-oriented security issues and protocols.
- 12. To design and implement a web page.

# SRI SARADA COLLEGE FOR WOMEN, TIRUNELVELI – 627011 PG AND RESEARCH DEPARTMENT OF COMMERCE

## I M.Com

	Programme Paper Title	Programme Outcome - Objectives
Major 1	Management Accounting	The objective of the course is familiarizing the management for effective administration.
Major 2	Advanced Business Statistics	The objective of the course is to acquaint students with important statistical techniques for managerial decision making. The emphasis will be on their applications to business and economic situations.
Major 3	Management Concepts and Organizational Behavior	The objective of this course is to help students understand the conceptual frame work of management and organizational behavior.
Major 4	Office Automation	The objective of the course is to make the students to learn modern methods of office automation through computer.
Major 5	Modern Marketing Management	The course intends to impart students with modern marketing management practices.

#### II M.Com

	Programme Paper Title	Programme Outcome – Objectives
Major 6	Advanced Corporate Accounting	<ol> <li>To educate students on recent developments in corporate accounting</li> <li>To teach the student on various requirement</li> </ol>

Major 7	Taxation and Tax Planning  E-Commerce	To educate the student on tax implication on business     To feed latest developments in corporate taxations
Major 8	E-Commerce	<ol> <li>To buildup knowledge on electronic business.</li> <li>To educate students on online marketing</li> </ol>
Major 9	Human Resource Management	<ol> <li>Imparting knowledge on the importance of human resource management in business.</li> <li>Helping to improve self-confidence of the student.</li> </ol>
Major 10	Research Methodology	<ol> <li>It aims to develop an understanding on the basic frame work of research process.</li> <li>It makes to understand various research design and techniques.</li> </ol>
Major Elective	Modern Banking	<ol> <li>Introducing the modern banking system and practices to the learners</li> <li>Develop an in depth knowledge on the modern banking system.</li> </ol>

## **M.Phil Commerce**

	Programme Paper Title	Programme Outcome – Objectives
Major	Core-I Research and Teaching Methodology	<ol> <li>To enable the student acquire knowledge on Research methods.</li> <li>To enable the students develop understanding of Research design.</li> </ol>

Major	Core-II Contemporary Functional Management	<ol> <li>To enable the student acquire overall knowledge on functional management.</li> <li>To enable the student develop understanding of the components of</li> </ol>
		functional management.
Major Elective	Project Oriented Elective Course(theory)- Professional Competencies	<ol> <li>To enable the students acquire overall knowledge on Professional Competencies.</li> <li>To enable the students develop understanding on Professional Competencies.</li> </ol>

PG

## Semester I

Major/Allied/Non-Major Elective/ Skill Based	Paper Title	Programmeoutome -objective
Core I	Modern Literature I	<ol> <li>To make the learner aware of the power of novel as a modern literary form.</li> <li>To enhance vocabulary and usage of English through reading.</li> </ol>
Core II	Modern Literature II	<ol> <li>To make the learner aware of the power of novel as a modern literary form.</li> <li>To enhance vocabulary and usage of English through reading.</li> </ol>
Core III	Romantic Period	To give the learner an understanding of Romantic period through literary works.  2. To broaden the learner's appreciation of literature.
Core IV	Indian Writing in English	<ol> <li>To acquaint the students the various genres in Indian Writing in English</li> <li>To enable learners to appreciate the changing trends in Indian literature in English from pre to post Independence era.</li> </ol>
Elective I	Literature and Gender	To give the learner a comprehensive knowledge of the literary works  2. to expose the learner to translated works that are cultural representations, leading to a better understanding of our own part of the country.
Elective II	African Literature	To equip the students in depth knowledge of wide spectrum of genres and writers.

#### SEMESTER II

Major/Allied/Non-Major	Paper Title	Programmeoutome -objective
Elective/ Skill Based		
Core 5	Victorian Age and The Age of Hardy	<ol> <li>To acquaint the learner with the literary background of English Literature.</li> <li>To familiarize the learner with the major movements in English in English Literature.</li> </ol>
Core 6	American Literature	1. To give the learner an understanding of American life, values and culture through literary works
Core 7	Literary Theory and Criticism I	To introduce modern critical theory as a basic discipline in the study of the principles of modern literature.
Core 8	Indian Writing in English Translation	. To acquaint the students the various genres in Indian Writing in English 2. To enable learners to appreciate the changing trends in Indian literature in English from pre to post Independence era.
Elective III	Communicative English	To help them acquire communication skills and a global perspective of English language.     To empower the learner with the expected skills for suitable employment.
Elective IV	North East Indian English Literature	To acquaint the students the various genres in North East Indian English

# Semester III

Major/Allied/Non-Major	Paper Title	Programmeoutome -objective
Elective/ Skill Based		
Core 9	Literary Theory and Criticism - II	To introduce modern critical theory as a basic discipline in the study of the principles of modern literature.
Core 10	Research Methodology	<ol> <li>To acquaint the learner with the research methods.</li> <li>To introduce the learner to the qualitites of good writing.</li> <li>To familiarize the learner with the mechanics of writing.</li> </ol>
Core 11	World Literature in English	To familiarize the students

	Translation	with the literary classics written and translated from different parts of the world
		To acquaint the students with the global literary and cultural sensibilities prevalent in other parts of the globe
Core 12	Shakespeare	<ol> <li>To enable the learner to comprehend, analyse and appreciate Shakespeare's plays.</li> <li>To familiarize the learner with the dramatic art and elements of Shakespeare's plays.</li> </ol>
Elective III	Common wealth Literature	To introduce students to different world cultures and social issues.
Elective IV	History of English language and Linguistics	To enable them to understand the multi-cultural context of English Language and Literature.

# Semester IV

Major/Allied/Non-Major Elective/ Skill Based	Paper Title	Programmeoutome -objective
Core 13	Literature and Ecology	To introduce the students various literary texts and approach them.
Core 14	Diasporic Women's writing	To introduce the students various literary texts and approach them

		from a diasporic perspective.
Core 15	Postcolonial Literature	1. To introduce the students various literary texts and approach them from a Postcolonial perspective. 2. To familiarize the learner with some representative postcolonial texts.
Elective V	English Language Teaching	To enable them to understand the multi-cultural context of English Language

# M.Phil

Major/Allied/Non-Major	Paper Title	Programmeoutome -objective
Elective/ Skill Based		
Core 1	Research and Teaching Methodology	<ol> <li>To acquaint the learner with the research methods.</li> <li>To introduce the learner to the qualitites of good writing.</li> <li>To familiarize the learner with the mechanics of writing.</li> </ol>
Core 2	Critical Theory	To introduce modern critical theory as a basic discipline in the study of

		the principles of modern literature
Elective I	Contemporary Literature	To introduce students to different world cultures and social issues.
Elective II	Women's studies	To give the learner a comprehensive knowledge of the literary works 2. to expose the learner to translated works that are cultural representations, leading to a better understanding of our own part of the country.

#### **M.Sc Mathematics**

Major/ Major Elective	Programme	Programme Outcome –
	Paper Title	Objectives
NA:	SEMESTER I	1 To introduce the consent of
Major	Algebra - I	<ol> <li>To introduce the concept of Group, Rings and Fields.</li> <li>To study the concept of homomorphism.</li> </ol>
Major	Analysis - I	<ol> <li>To lay a good foundation for classical analysis.</li> <li>To studies the behavior of sequence and series.</li> </ol>
Major	Analytic Number Theory	<ul><li>1.To highlight the beauties in the world of numbers</li><li>2. To prepare the students for coding through congruences.</li></ul>
Major	Ordinary Differential Equations	<ol> <li>To know the order and degree of the ODE's.</li> <li>To identify some specific methods and solve them.</li> <li>To make difference between ODE and PDE.</li> <li>To solve some standard methods.</li> <li>To know the concept of Laplace transforms and its inverse with applications.</li> </ol>
Major Elective	Numerical Analysis	1.To introduce the finite differences 2.To solve numerical problems by different methods
	SEMESTER II	
Major	Algebra - II	To facilitate a better     understanding of vector space     Z.To solve problems in matrices
Major	Analysis - II	1.To understand the real number of system and metric spaces 2.To know the concepts of continuity and Riemann integrals 3.To study the concept of connectedness and compactness
Major	Classical Mechanics	
Major	Differential Geometry	
Major	Graph Theory	1.To introduce the notion of

		graph theory and its applications 2.To learn the techniques of	
	2 11 12 15	combinatorics in graph theory	
Major Elective	Partial Differential Equations		
No. in .	SEMESTER III		
Major	Measure and Integration	1.Gain the knowledge of measure spaces and measure interruption 2.Understanding the concept of lesbeague measure ,lesbeague integration and signed measure 3.To provide the understanding of general measure spaces	
Major	Topology I	1.To distinguish space by means of Simple Topological invariants 2. Gain the knowledge of constructing spaces by giving and to prove that in certain case, that the result is homeomorphic to standard spaces.	
Major	Advanced Algebra I	<ol> <li>To introduce some of the most fundamental algebraic structures like inner product space,         Determinants, etc.         2.The notion of Dual Spaces.         3.The algebra of Linear transformations.     </li> </ol>	
	Operations Research	<ul><li>1.To modify rual life into Standard Mathematical Models</li><li>2. To learn different optimization techniques.</li><li>3. To know classification of different structured problems.</li></ul>	
Major	Research Methodology	1.To understand the Basic aspects in research 2.To learn Mathematical and Statistical technique for research 3.To acquire basic knowledge about various instruments and techniques in Mathematical research.	
Major	Algebraic Number Theory	To acquire knowledge about recent developments in Algebra have its impact on Number Theory and Number Theory too has its own contribution to the development of algebra.	

		To understand and appreciate the role played by Algebra in Number Theory.
Major Elective	Calculus of Variations and Integral Equations	1.Basic knowledge in Elementary Matrix Theory, Quadratic forms, Coordinate Transformations 2. Gain knowledge in maxima minima techniques and solution of certain types of Integral equations.
	SEMESTER IV	
Major	Functional Analysis	<ol> <li>To gain knowledge about Banach Spaces, Hilbert Spaces and Banach Algebra.</li> <li>To use algebraic structure in Analysis.</li> </ol>
Major	Complex Analysis	1.To gain advanced knowledge about Complex functions and Analytic functions as mappings 2.To understand the concept of Analyticity Conformality, Linear Transformation and Complex Integration.
Major	Advanced Algebra II	<ul><li>1.To gain knowledge in fields in the theory of numbers, the theory of equations and Galois theory .</li><li>2.To understand the application of Galois theory in theory of equations and Geometry.</li></ul>
	Topology II	<ul><li>1.To gain knowledge in separation axioms in Topological Spaces.</li><li>2.To understanding the concepts of Normal and Regular Spaces.</li></ul>
	Project	To provide training in scientific skills. To prepare students for professional training programme or entry level jobs in any area of Mathematics.

# **B.Sc- Physics- Programme outcome**

Language/Major/ Allied/ Non – Major Elective /Skill Based	Programme Paper Title	Programme Outcome – Objectives
	SEMESTER I	1
Major Paper	Properties of matter and Acoustics	To identify the characteristics of matter in terms their properties and to know the basic principles of acoustics.
Major Paper	Mechanics and Relativity	An attempt is made to give a better insight of the change of position of any physical object or event and their consequences.
Practical	Core practical-I	To educate the students to acquire skill in physics Experiments.
Allied Paper	Algebra and Differential equations	<ol> <li>To learn the basic concepts of Algebra</li> <li>To learn how to solve various orders of Differential equation.</li> </ol>
General Paper	Environmental Studies	1. The Multidisciplinary nature of environmental studies 2. Natural Resources: Renewable and non-renewable resources 3. Ecosystems 4. Biodiversity and its conservation 5. Environmental Pollution 6. Social Issues and the Environment 7. Human Population and the Environment
Semester-II		

Major Paper	Thermal Physics	To understand the phenomena connected with heat as radiation, conduction, different thermal capacities of substances and the converse process of making heat to do mechanical work.
Major Paper	Optics	To familiarize the fundamental laws concerning reflection, refraction, interference, diffraction, polarization, spectrum and allied phenomena.
Practical	Core practical-II	To enhance the knowledge in experimental physics.
Allied Paper	Algebra and Differential equations-II	To slove I and II order differential equations and its application.
General Paper	Value based education	1. Philosophy of Life and Social Values 2. Human Rights and Organisations 3. Human Rights : Contemporary Challenges 4. Yoga and Health Role of State Public Service Commission
	Semester-III	
Major Paper	Electricity and Magnetism	This course provides an in depth coverage of behavior of stationary electric charges, electricity, magnetism and how they are connected.
Allied Paper	Chemistry-I	<ol> <li>To understand the various theories of coordination chemistry.</li> <li>To study the various concepts of resonance and halogen compounds.</li> <li>To study the properties of aromatic compounds and organic reactions.</li> </ol>
Skilled Based	Maintenance of electrical appliances	This course provides knowledge to repair the household appliances.

Nonmajor Elective	Basic Physics-I	To know about the various	
		types of units and obtain basic	
		knowledge in Physics for Non	
		-Physics students.	
	Semester-IV		
Major Paper	Computer Programming in C++	The purpose of this course is to	
		introduce students about the	
		key features and	
		implementation of C++ Language	
Practical	Core practical-II	To enhance the knowledge in	
Tucticui	Core prucueur II	experimental physics.	
Allied Paper	Chemistry-II	1. To learn the basics of	
		nuclear chemistry and metallic	
		bond.	
		2. To understand the properties	
		and applications of carbohydrates, amino acids	
		and proteins.	
		3. To study the basic concepts	
		of polymers, heterocyclic	
		compounds and	
		Stereoisomerism.	
Skilled Based	Maintenance of electrical appliances-II	To understand the basic	
		principles of common devices,	
		measuring instrument and	
Nonmajor Elective	Basic Physics-II	photography.  To Know the basic ideas	
Nonnajor Elective	Basic Thysics-II	about Nuclear Physics,	
		Magnetic materials and	
		number system.	
	Semester-V		
Major Paper	Basic Electorics	To study about various	
		multivibrators and transistor circuits.	
Major Paper	Solid state Physics	To know about types of solid	
Trujor i upor	Solid State I Hysics	state system.	
Major Based Elective	Specroscopy	Obtain the ideas about	
		spectroscopy in	
M' D 151 '		electromagnetic radiation.	
Major Based Elective	Communication Electronics	To promote scientific temper	
		among students and upd ate the basic functioning of	
		are the basic functioning of	

Soft Skill Development	Personality Development	various communication systems.  Today's world is all about relationship, communication and presenting oneself, one's ideas and the company in the most positive and impactful way. This course intends to enable students to achieve excellence in both
		personal and professional life.
	Semester-IV	
Major Paper	Digital Electronics	To obtain the working principle of different digital devices.
Major Paper	Atmoic and Nuclear Physics	To emphasize the understanding of Atmoic and nuclear forces and models, elementary particles and Accelerators.
Major Paper	Quantum Mechanics	To understand the fundamental postulates and merits of Quantum Mechanics in explain some physical phenomena.
Practical	Practical III	To promote scientific temper and to learn physical concepts through these experiments.
Practical	Practical IV	To provide an in-depth knowledge and skill in Electronics.
Practical	Practical V	To enhance the knowledge in C++ and Micro Processor Programming
Major Based Elective	Energy Physics	To obtain knowledge about various types of energy sources.

# **M.Sc- Physics- Programme outcome**

Language/Major/ Allied/ Non – Major Elective /Skill Based	Programme Paper Title	Programme Outcome – Objectives
	SEMESTE	
Major Paper	Classical mechanics	To obtain the knowledge of various principle.  To know about Phase space and degrees of freedom.
Major Paper	Mathamatical physics-I	To discuss about various Differential equation, its solution and their recurring Relation.  Application of mathamatics to physical phenomina.
Major Paper	Solid state physics	To discuss about crystal and noncrystal material. To obtain the ideas about Miller index.
Major Paper	Integrated Electronics	To get the working principle of various multivibrator. To discuss about operational amplifier.
Major Paper	Nonlinear Dynamics	To discuss about Nonlinearity,Linear and nonlinear oscillator. To know about Fractals and Solitons.
Practical	General Physics Experimets-I	To promote scientific temper and to learn physical concepts through these experiments.
Practical	Electronics Experiments-I	To provide an in-depth knowledge and skill in Electronics.
	Semester-	II .
Major Paper	Mathamatical physics-II	To obtain the knowledge of complex analysis and group theory.  To obtain the ideas of special function-II
Major Paper	Condensed Matter Physics	Discuss about crystallography and crystal binding. Theory of free electron, band gap and semiconductor crystal.
Major Paper	Microprocessor &Microcontroller	Introducing 8085microprocessor and its programming
Major Paper	Numerical methods & C++ Program	To discuss about roots of equation and Eigen value problem.  Numerical differentiation and integration.
Project	Field work	To visit the various industries and research centres and obtain knowledge.

Practical	General physics Experiment-II	To promote scientific temper and to learn physical concepts through these experiments.		
Practical	Electronics Experiment-II	To provide an in-depth knowledge and skill in Electronics.		
	Semester-l	Ш		
Major Paper	Quantum mechanics-I	Fundamentals of quantum mechanics.  To explain the theory of angular momentum.		
Major Paper	Electromagnetic theory	To discuss about electrodynamics, magnatostatics and electrostatics.  To understand electromagnetic radiation.		
Major Paper	Statistical mechanics	To explain quantum statistics and classical statistics. To discuss about Maxwell-Boltzmann and Fermi-Dirac statistics.		
Major Paper	Research Methodology	To discuss about fundamentals and formulation of research. The ideas of research design.		
Practical	General physics experiments-II	To promote scientific temper and to learn physical concepts through these experiments.		
Semester-IV				
Major Paper	Quantum Mechanics-II	To discuss about Approximation methods and scattering theory.  To discuss about identical partical.		
Major Paper	Spectroscopy	To discuss about various types of Spectroscopy.		
Major Paper	Nuclear and partical physics	To discuss about Nuclear Force ,Decay and models.		
Practical	General Physics Experiments- III	To promote scientific temper and to learn physical concepts through these experiments.		
Practical	Microprocessor and C++ program	To enhance the knowledge about programming in microprocessor and C++.		

Year	Semester	subject	Title of the paper	Objectives
	I	Part I Sanskrit for Economics,English, Physics,Chemistry,Maths.	Fundamental grammer, history of literature & Translation.	1.To learn fundamentals of Sanskrit 2.To learn conjugation of verb, declension of noun, translation, ancient Sanskrit literature
l Year	1	Part I Sanskrit for commerce, Commerce (C.S), IT,Computerscience,B.C.A,B.B.A.	Fundamental grammar,Poetry,Prose,&History of Literature.	1.To learn fundamentals of Sanskrit , conjugation of verb , declension of noun and classical literature
	II	Part I Sanskrit for Economics, English, Physics, Chemistry, Maths.	Poetry and History of Literature	1.To learn didactic poetry. 2.To learn the history of Mahakavyas.
	II	Part I Sanskrit for commerce, Commerce (C.S), IT,Computerscience,B.C.A,B.B.A.	Drama, Poetics & Translation	1.To learn Sanskrit drama 2.To learn translation 3.To learn Alankaras
II Year	III	Part I Sanskrit for Economics, English, Physics, Chemistry, Maths.	Prose, grammar &History of literature	<ul><li>1.To learn peculiarities of kavyas.</li><li>2.To learn sandhi</li><li>3.To enhance knowledge about the classical literature</li></ul>
	IV	Part I Sanskrit for Economics,English, Physics,Chemistry,Maths.	Drama, Poetics &History of Literature.	<ul><li>1.To learn the peculiarities of the dramatic literature.</li><li>2.To learn alankaras.</li><li>3.To learn the pattern of drama in Sanskrit literature</li></ul>

#### **Department of Tamil**

## **Programme specific Outcomes**

#### Part I Tamil & NME Tamil

- 1. Proficiency in Tamil to write, read and speak constructively and eloquently.
- 2. Proficiency to construct verses, dramas, short stories, skits, criticism, commentary.
- 3. An edge to candidates to work in wide variety of areas such as teaching, journalism and translation.
- 4. Ability to serve as multimedia reporter, AIR announcer and programmer.

Dr. S. Parvatha Krishnammal

# SRI SARADA COLLEGE FOR WOMEN, TIRUNELVELI – 627011 PG AND RESEARCH DEPARTMENT OF COMMERCE

## I B.Com (CS)

	Programme Paper Title	Programme Outcome - Objectives
Major 1	Finacial accounting 1	<ol> <li>To acquire conceptual knowledge of financial accounting.</li> <li>To impart skillsfor recording various kinds of business transactions.</li> </ol>
Major 2	Business organization	<ol> <li>To understand business and its role in society.</li> <li>To enable the student to undertake business activities.</li> </ol>
Allied	Company law 1	<ol> <li>To know the rules and regulations of the company creations.</li> <li>To understand the memorandum of association and articles of association.</li> </ol>
Common for all First Years	Environmental studies	
Skill Based		

# IIB.Com (CS)

	Programme Paper Title	Programme Outcome – Objectives
Major 5	Advanced financial accounting 1	<ol> <li>To know the system of accounting followed in branches and departments of business organization.</li> <li>To know the pattern of recording transactions in hire purchases and installment purchase systems.</li> </ol>

Major 6  Major 7	Business statistics  Banking	<ol> <li>To provide the basic knowledge of statistical techniques as are applicable to business.</li> <li>To enable the students to apply statistical techniques for qualification of data in business.</li> <li>To create an idea of modern banking.</li> <li>To familiarize the students with the banking activities.</li> </ol>
Major 8	Human resources management	<ol> <li>To study about the importance of human resource.</li> <li>To study the techniques of performance appraisal employees.</li> </ol>
Allied 3	Company secretarial practice.	<ol> <li>To know complete details of the secretary and secretarial practice in various areas.</li> <li>To understand the meeting and winding up procedures.</li> </ol>
Non Major Elective	Consumer awareness	<ol> <li>To create awareness regarding the intellectual property rights and consumer protection.</li> <li>To explain the students about a better quality of living as consumers.</li> </ol>
Skill Based 1	Business communication	<ol> <li>To equip the students effectively to acquire skills in reading, writing, comprehension and communication.</li> <li>To make them use electronic media for business communication.</li> </ol>
Common for II Years	Yoga	<ol> <li>Prevention of health problems and rehabilitation through yoga.</li> <li>Promoting positive health.</li> </ol>

# III B.Com (CS)

	Programme Paper Title	Programme Outcome – Objectives
Major 13	Corporate accounting1	<ol> <li>To study the issue, allotment and forfeiture of shares of companies</li> <li>To prepare final accounts according to companies Act,2013.</li> </ol>

Major 14	Cost accounting	<ol> <li>To acquire the basic knowledge of cost in business concerns.</li> <li>To understand the techniques of cost control.</li> </ol>
Major 15	Business law	<ol> <li>To understand the definition of business law.</li> <li>To study the scope and boundaries of business law.</li> </ol>
Major 16	Research methodology	<ol> <li>To understand the basic concepts of research and its methodologies.</li> <li>To organize and conduct research in a more appropriate manner.</li> </ol>
Major Elective	Applications of tally in accounting	<ol> <li>To impart practical knowledge regarding the concepts of financial accounting.</li> <li>To get placement for students in different offices as well as companies.</li> </ol>
Skill Based 3 Common	Personality management	<ol> <li>To enable the learners to apply their conceptual knowledge in a practical situation.</li> <li>To learn the act of conducting a study and presenting its findings in the form of a rational report.</li> </ol>

#### PROGRAMME OUTCOMES

#### UG PROGRAMME

#### SEMESTER I

Major/Allied/Non- Elective/Skill Based	Programme Paper Title	Programme Outcome – Objective
Core I	Indian writing in English	<ul> <li>To introduce the learners the rich literary tradition in Indian Writing in English</li> <li>To acquaint the students the various genres in Indian writing in English</li> </ul>
Core II	British fiction	<ul> <li>To familiarize the students with the evolution of the genre of fiction in Britian</li> <li>To enchance vocabulary and usage of English through reading</li> </ul>
Core III	Australian Literature	<ul> <li>To Introduce the students to the Australian literary texts and approach them from a postcolonial perspective</li> <li>To make him approach selected texts fro their literary value and cultural importance</li> </ul>
Allied I	Social History of England	To familiarize the students with the historical movements and the cultural politics of England  To Provide the student the social-cultural background on which a literary text is grounded

#### SEMESTER II

Major/Allied/Non- Elective/Skill	Programme	Programme Outcome – Objective

Based	Paper Title	
Core IV	Indian writing in English II	<ul> <li>To introduce the learners the rich literary tradition in Indian Writing in English</li> <li>To acquaint the students the various genres in Indian writing in English</li> </ul>
Core V	American Literature	<ul> <li>To acquaint the students with different literary era, movements and authors relating to American history and literature</li> <li>To enhance communication and creative skills through literature</li> </ul>
Core VI	English Grammar and Usage	<ul> <li>To enchance the communicative competence by improving the grammatical skills</li> <li>To strengthen the writing skills by augmenting the grammatical skills</li> </ul>
Allied II	Literary Forms	To introduce the various genre and forms of LIterature

Core-87	History <b>Britishiknetiv</b> erature I	To grovide lear historischenic perspersivenes of Britishipaatry Interpersention and apprecipations of the soldated cents Bonish Egerature  Persymiliarize
Allied-3	Caribbean Literature	The products  shown the ural  historical the track  from the control  from the control  withing sed the  Interportation and the price at the control  the contro
Skilled Based Core-1	Phonetics and Spoken English SEMESTER III	Transpare     proficiency in pronunciation and oral communication.     To use appropriate language skills for various communicative functions in different socio-

		cultural contexts.
Non- Elective-1	English for Employability	To enhance the language skill of the students.
		<ul> <li>To enhance the employability skills of the students.</li> </ul>

#### SEMESTER IV

Major/Allied/Non- Elective/Skill Based	Programme Paper Title	Programme Outcome – Objective
Core 9	History of English Literature II	To give a clear and systemic understanding of the national changes and developments that influenced British Literature     To familiarize the students about the historical movements that influenced the transformation of the literary tastes and standards.
Core 10	British Drama	To familiarize the students with the evolution of the genre of fiction in Britain.  2. To make the learner familiar with the landmarks of English poetry from the Elizabethan to the modern period.
Allied 4	Chicano Literature	To make the learner familiar with the landmarks of Mexican American fiction
Skill Based core 2	Eco English	To aware the learner familiar with environmental awareness and relevant vocabulary
Non major Elective 2	Business Communication	To impart the young graduates the basic concepts and practices of

	Business Communication.

#### SEMESTER V

Major/Allied/Non- Elective/Skill Based	Programme Paper Title	Programme Outcome – Objective
Core 11	Non-Fiction	<ul> <li>To familiarize the students to the prose writings of the representative writers</li> <li>To develop a sense of literary appreciation in the minds of students</li> </ul>
Core 12	Literary Critics and Approaches	<ul> <li>To develop the critical sensibilities of the students</li> <li>To introduce the major schools of literary criticism to the students</li> </ul>
Core 13	World Literature in Translation	<ul> <li>To familiarize the students with the literary classics written and translated from different parts of the world</li> <li>To acquaint the students with the global literary and cultural sensibilities prevalent in other parts of the globe</li> </ul>
Core14	Canadian Literature	<ul> <li>To introduce the students to         Canadian         literature through the close reading of the selected texts</li> <li>To make them approach selected</li> </ul>

		texts for their value and cross cultural importance
Major Elective	Women's Writing	To sensitise the students about the problems women face in the patriarchal cultural milieu  Employ literature to analyse issues and questions relating to women's experience and empowerment
Major Elective	Journalism and Mass Communication	To introduce the students to the challenges of the constantly evolving world of journalism and mass communication To develop multitasking skills required in the dynamic multimedia and convergent environment
Skill based	Personality Development	To Carry on conversation in different communication contexts such as face to face communication telephonic communication, viva voce etc.

#### SEMESTER VI

Major/Allied/Non- Elective/Skill	Programme	Programme Outcome – Objective
Based	Paper Title	
Core 15	Shakespeare	To enable the learner to comprehend, analyse and appreciate Shakespeare's plays.     To familiarize the learner with

		the dramatic art and elements of Shakespeare's plays.
Core 16	South Asian Literature in English	<ul> <li>Learning the complexities of the region through its literature</li> <li>An understanding of South Asian's social, historical and global contexts</li> </ul>
Core 17	Short stories and One Act plays	Enable the students to make comparisons in terms of theme, rhetorical structure and genre
Core 18	Regional Literature in Translation	To use language for aesthetic effect and write critically about literature using textual evidence with proper citation.
Major Elective	African Literature	To equip the students in depth knowledge of wide spectrum of genres and writers.